



RECEIVED

SEP 04 2001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

CH CENTER 1600/2900

In re Patent Application of

GROSE et al.

Atty. Ref.: 1430-252

Serial No. 09/646,224

Group: 1647

Filed: September 14, 2000

Examiner: Holbrook

For: MAMMALIAN SODIUM CHANNEL PROTEINS

* * * * *

August 30, 2001

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

AMENDMENT

Responsive to the Official Action dated July 30, 2001, entry and consideration of the following amendments and remarks are requested.

IN THE SPECIFICATION

Amend the specification as follows.

Page 15, delete the paragraph spanning lines 11-25, and insert the following therefor:

--A sodium channel probe was generated to allow screening of a rat DRG cDNA library with the aim to identify novel sodium channels present in the DRG. A pan specific sodium channel probe was obtained from Polymerase chain reaction (PCR) experiments using rat genomic DNA as the template and degenerate PCR primers designed from within the 3' coding regions of the brain II, heart, skeletal muscle and glial voltage-gated sodium channel. The oligonucleotide primers used for this analysis were

B1